

THE
UNIVERSITY
OF RHODE ISLAND
DIVISION OF
ADMINISTRATION
AND FINANCE

THINK BIG  WE DO™

PURCHASING DEPARTMENT
581 Plains Road, Suite 3, Kingston, RI 02881 USA p: 401.874.2171 f: 401.874.2306 uri.edu/purchasing

BID/PROPOSAL

COMMODITY: HYBRID MASS SPECTROMETER W/HPCL SYSTEM DATE: 4/8/2014

FORMAL BID NO. _____ PUBLIC BID NO. 2493 RFP NO. _____

BIDS ARE TO BE RECEIVED IN URI PURCHASING DEPARTMENT BY: DATE: 4/22/2014 TIME: 3:00 PM

BUYER: DEBRA LEE / MSC  SURETY REQUIRED: YES: _____ NO: X

PRE-BID/PROPOSAL CONFERENCE: DATE: _____ TIME: _____

MANDATORY: YES: _____ NO: _____

LOCATION: _____

BE SURE ALL INFORMATION SHOWN BELOW IS CORRECT.
FEDERAL EMPLOYER IDENTIFICATION NUMBER MUST BE INCLUDED.

COMPANY NAME: _____ FEIN: _____

STREET AND NUMBER: _____

CITY, STATE & ZIP CODE: _____

ORDERING E-MAIL ADDRESS: _____

**No offer will be considered that is not accompanied by the attached
University of Rhode Island Bidder Certification Form/Contract Offer
completed and signed by the offeror.**

Print Name and Title _____

Telephone Number/Facsimile Number _____

Signature _____

Date _____

Company F.E.I.N. _____

THIS BID WILL NOT BE HONORED UNLESS SIGNED

The University of Rhode Island is an equal opportunity employer committed to the principles of affirmative action.

University of Rhode Island Bidder Certification Form

ALL OFFERS ARE SUBJECT TO THE REQUIREMENTS, PROVISIONS AND PROCEDURES CONTAINED IN THIS CERTIFICATION FORM. Offerors are expected to read, sign and comply with all requirements. Failure to do so may be grounds for disqualification of the offer contained herein.

Rules for Submitting Offers

This Certification Form must be attached in its entirety to the front of the offer and shall be considered an integral part of each offer made by a vendor to enter into a contract with the University of Rhode Island. As such, submittal of the entire Bidder Certification Form, signed by a duly authorized representative of the offeror attesting that he/she (1) has read and agrees to comply with the requirements set forth herein and (2) to the accuracy of the information provided and the offer extended, is a mandatory part of any contract award.

To assure that offers are considered on time, each offer must be submitted with the specific Bid/RFP/LOI number, date and time of opening marked in the upper left hand corner of the envelope. Each bid/offer must be submitted in separate sealed envelopes.

A complete signed (in ink) offer package must be delivered to the University of Rhode Island Purchasing Office by the time and date specified for the opening of responses in a sealed envelope.

Bids must be submitted on the URI bid solicitation forms provided, indicating brand and part numbers of items offered, as appropriate. Bidders must submit detailed cuts and specs on items offered as equivalent to brands requested WITH THE OFFER. Bidders must be able to submit samples if requested.

Documents misdirected to other State locations or which are not present in the University of Rhode Island Purchasing Office at the time of opening for whatever cause will be deemed to be late and will not be considered. For the purposes of this requirement, the official time and date shall be that of the time clock in the reception area of the University of Rhode Island Purchasing Office. Postmarks shall not be considered proof of timely submission.

RIVIP SOLICITATIONS. To assure maximum access opportunities for users, public bid/RFP solicitations shall be posted on the RIVIP for a minimum of seven days and no amendments shall be made within the last five days before the date an offer is due. Except when access to the Web Site has been severely curtailed and it is determined by the Purchasing Agent that special circumstances preclude extending a solicitation due date, requests to mail or fax hard copies of solicitations will not be honored. When the result of an internet solicitation is unsuccessful, the University of Rhode Island will cancel the original solicitation and resolicit the original offer directly from vendors.

PRICING. Offers are irrevocable for sixty (60) days from the opening date (or such other extended period set forth in the solicitation), and may not be withdrawn, except with the express permission of the University Purchasing Agent. All pricing will be considered to be firm and fixed unless otherwise indicated. The University of Rhode Island is exempt from Federal excise taxes and State Sales and Use Taxes. Such taxes shall not be included in the bid price. PRICES QUOTED ARE FOB DESTINATION.

DELIVERY and PRODUCT QUALITY. All offers must define delivery dates for all items; if no delivery date is specified, it is assumed that immediate delivery from stock will be made. The contractor will be responsible for delivery of materials in first class condition. Rejected materials will be at the vendor's expense.

PREVAILING WAGE, OSHA SAFETY TRAINING and APPRENTICESHIP REQUIREMENTS. Bidders must comply with the provisions of the Rhode Island labor laws, including R.I. Gen. Laws §§ 37-13-1 et seq. and occupational safety laws, including R.I. Gen. Laws §§ 28-20-1 et seq. These laws mandate for public works construction projects the payment of prevailing wage rates, the implementation and maintenance of occupational safety standards, and for projects with a minimum value of \$1 Million, the employment of apprentices. The successful Bidder must submit certifications of compliance with these laws from each of its subcontractors prior to their commencement of any work. Prevailing wage rates, apprenticeship requirements, and other workforce and safety regulations are accessible at www.dlt.ri.gov.

PUBLIC RECORDS. Offerors are advised that all materials submitted to the University for consideration in response to this solicitation will be considered without exception to be Public Records pursuant to Title 38 Chapter 2 of the Rhode Island General Laws, and will be released for inspection immediately upon request once an award has been made. Offerors are encouraged to attend public bid/RFP openings to obtain information; however, bid/RFP response summaries may be reviewed after award(s) have been made by visiting the Rhode Island Vendor Information Program (RIVIP) at www.purchasing.ri.gov, Bidding Opportunities +, Other RI Bid Opportunities or appearing in person at the University of Rhode Island Purchasing Office Mondays through Fridays between 8:30 am – 3:30 pm. Telephone requests for results will not be honored. Written requests for results will only be honored if the information is not available on the RIVIP.

Award will be made to the responsive and responsible offeror quoting the lowest net price in accordance with specifications, for any individual item(s), for major groupings of items, or for all items listed, at the University's sole option.

BID SURETY. Where bid surety is required, bidder must furnish a bid bond or certified check for 5% of the bid total with the bid, or for such other amount as may be specified. Bids submitted without a required bid surety will not be considered.

SPECIFICATIONS. Unless specified "no substitute", product offerings equivalent in quality and performance will be considered (at the sole option of the University) on the condition that the offer is accompanied by detailed product specifications. Offers which fail to include alternate specifications may be deemed nonresponsive.

VENDOR AUTHORIZATION TO PROCEED. When a purchase order, change order, contract/agreement or contract/agreement amendment is issued by the University of Rhode Island, no claim for payment for services rendered or goods delivered contrary to or in excess of the contract terms and scope shall be considered valid unless the vendor has obtained a written change order or contract amendment issued by the University of Rhode Island Purchasing Office PRIOR to delivery.

Any offer, whether in response to a solicitation for proposals or bids, or made without a solicitation, which is accepted in the form of an order OR pricing agreement made in writing by the University of Rhode Island Purchasing Office, shall be considered a binding contract.

REGULATIONS, GENERAL TERMS AND CONDITIONS GOVERNING STATE AND BOARD OF GOVERNORS FOR HIGHER EDUCATION CONTRACTS. This solicitation and any contract or purchase order arising from it are issued in accordance with the specific requirements described herein, and the State's Purchasing Laws and Regulations and other applicable State Laws, including the Board of Governors for Higher Education General Terms and Conditions of Purchase. The regulations, General Terms and Conditions are incorporated into all University of Rhode Island contracts and can be viewed at: www.ribghe.org/procurementregs113006.pdf and www.purchasing.ri.gov.

ARRA SUPPLEMENTAL TERMS AND CONDITIONS. Contracts and sub-awards funded in whole or in part by the American Recovery and Reinvestment Act of 2009. Pub.L.No. 111-5 and any amendments thereto, such contracts and sub-awards shall be subject to the Supplemental Terms and Conditions for Contracts and Sub-awards funded in whole or in part by the American Recovery and Reinvestment Act of 2009. Pub.L.No. 111-5 and any amendments thereto located on the Division of Purchases website at www.purchasing.ri.gov.

EQUAL EMPLOYMENT OPPORTUNITY. Compliance certificate and agreement procedures will apply to all awards for supplies or services valued at \$10,000 or more. Minority Business Enterprise policies and procedures, including subcontracting opportunities as described in Title 37 Chapter 14.1 of the Rhode Island General Laws also apply.

PERFORMANCE BONDS. Where indicated, successful bidder must furnish a 100% performance bond and labor and payment bond for contracts subject to Title 37 Chapters 12 and 13 of the Rhode Island General Laws. All bonds must be furnished by a surety company authorized to conduct business in the State of Rhode Island. Performance bonds must be submitted within 21 calendar days of the issuance of a tentative notice of award.

DEFAULT and NON-COMPLIANCE Default and/or non-compliance with the requirements and any other aspects of the award may result in withholding of payment(s), contract termination, debarment, suspension, or any other remedy necessary that is in the best interest of the state/University of Rhode Island.

COMPLIANCE Vendor must comply with all applicable federal, state and local laws, regulations and ordinances.

SPRINKLER IMPAIRMENT AND HOT WORK. The Contractor agrees to comply with the practices of the State's Insurance carrier for sprinkler impairment and hot work. Prior to performing any work, the Contractor shall obtain the necessary information for compliance from the Risk Management Office at the Department of Administration or the Risk Management Office at the University of Rhode Island.

Each bid proposal for a *public works project* must include a "public copy" to be available for public inspection upon the opening of bids. **Bid Proposals that do not include a copy for public inspection will be deemed nonresponsive.**

For further information on how to comply with this statutory requirement, see R.I. Gen. Laws §§ 37-2-18(b) and (j). Also see State of Rhode Island Procurement Regulation 5.11 at <http://purchasing.ri.gov/rulesandregulations/rulesandregulations.aspx>.

ALL CONTRACT AWARDS ARE SUBJECT TO THE FOLLOWING DISCLOSURES & CERTIFICATIONS

Offerors must respond to every disclosure statement. A person authorized to enter into contracts must sign the offer and attest to the accuracy of all statements.

Indicate Yes (Y) or No (N):

____ 1 State whether your company, or any owner, stockholder, officer, director, member, partner, or principal thereof, or any subsidiary or affiliated company, has been subject to suspension or debarment by any federal, state, or municipal government agency, or the subject of criminal prosecution, or convicted of a criminal offense with the previous five (5) years. If so, then provide details below.

____ 2 State whether your company, or any owner, stockholder, officer, director, member, partner, or principal thereof, or any subsidiary or affiliated company, has had any contracts with a federal, state or municipal government agency terminated for any reason within the previous five (5) years. If so, then provide details below.

____ 3 State whether your company or any owner, stockholder, officer, director, member, partner, or principal thereof, or any subsidiary or affiliated company, has been fined more than \$5000 for violation(s) of Rhode Island environmental laws by the Rhode Island Department of Environmental Management within the previous five (5) years. If so, then provide details below.

____ 4 I/we certify that I/we will immediately disclose, in writing, to the University Purchasing Agent any potential conflict of interest which may occur during the course of the engagement authorized pursuant to this contract.

____ 5 I/we acknowledge that, in accordance with (1) Chapter §37-2-54(c) of the Rhode Island General Laws "no purchase or contract shall be binding on the state or any agency thereof unless approved by the Department [of Administration] or made under general regulations which the Chief Purchasing Officer may prescribe," and (2) RIGL section §37-2-7(16) which identifies the Board of Governors for Higher Education as a public agency and gives binding contractual authority to the University Purchasing Agent, including change orders and other types of contracts and under State Purchasing Regulation 8.2.1.1.2 any alleged oral agreement or arrangements made by a bidder or contractor with any agency or an employee of the University of Rhode Island may be disregarded and shall not be binding on the University of Rhode Island.

____ 6 I/we certify that I or my/our firm possesses all licenses required by Federal and State laws and regulations as they pertain to the requirements of the solicitation and offer made herein and shall maintain such required license(s) during the entire course of the contract resulting from the offer contained herein and, should my/our license lapse or be suspended, I/we shall immediately inform the University of Rhode Island Purchasing Agent in writing of such circumstance.

____ 7 I/we certify that I/we will maintain required insurance during the entire course of the contract resulting from the offer contained herein and, should my/our insurance lapse or be suspended, I/we shall immediately inform the University of Rhode Island Purchasing Agent in writing of such circumstance.

____ 8 I/we certify that I/we understand that falsification of any information herein or failure to notify the University of Rhode Island Purchasing Agent as certified herein may be grounds for suspension, debarment and/or prosecution for fraud.

____ 9 I/we acknowledge that the provisions and procedures set forth in this form apply to any contract arising from this offer.

____ 10 I/we acknowledge that I/we understand the State's Purchasing Laws (§37-2 of the General Laws of Rhode Island) and Purchasing Regulations and General Terms and Conditions available at the Rhode Island Division of Purchases Website (<http://www.purchasing.ri.gov>) and the Board of Governors Website (www.ribghe.org/procurementregs113006.pdf) apply as the governing conditions for any contract or purchase order I/we may receive from the University of Rhode Island, including the offer contained herein.

____ 11 I/we certify that the bidder: (i) is not identified on the General Treasurer's list, created pursuant to R.I. Gen. Laws § 37-2.5-3, as a person or entity engaging in investment activities in Iran described in § 37-2.5-2(b); and (ii) is not engaging in any such investment activities in Iran.

____ 12 If the product is subject to Department of Commerce Export Administration Regulations (EAR) or International Traffic in Arms Regulations (ITAR), please provide the Export Control Classification Number (ECCN) or the US Munitions List (USML) Category: _____

____ 13 I/we certify that the above information is correct and complete.

IF YOU HAVE ANSWERED "YES" TO QUESTIONS #1 – 3 OR IF YOU ARE UNABLE TO CERTIFY YES TO QUESTIONS #4 – 11 and 13 OF THE FOREGOING, PROVIDE DETAILS/EXPLANATION IN AN ATTACHED STATEMENT. INCOMPLETE CERTIFICATION FORMS SHALL BE GROUNDS FOR DISQUALIFICATION OF OFFER.

Signature below commits vendor to the attached offer and certifies (1) that the offer has taken into account all solicitation amendments, (2) that the above statements and information are accurate and that vendor understands and has complied with the requirements set forth herein.

Vendor's Signature: _____ Bid Number: _____ Date: _____
(Person Authorized to enter into contracts; signature must be in ink) (if applicable)

Print Name and Title of Company official signing offer Telephone Number _____

COMMODITY: HYBRID MASS SPECTROMETER W/HPCL SYSTEM
OPENING DATE & TIME: 4/22/14 3:00 PM

SHIP TO:
UNIVERSITY OF RHODE ISLAND
PHARMACY, DEAN
7 GREENHOUSE RD., ROOM 277
KINGSTON, RI 02881
ATTN: AL BACH/DAVID ROWLEY

BIDDER (NAME OF FIRM)

BIDDER (NAME OF FIRM)

BID NO: 2493

BID NO: 2493

ATTACHMENT "A"

ITEM NO.	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	TEM NO.
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INSTRUCTIONS:

IF BIDDING ON ANY ITEM, THE ENTIRE BID MUST BE RETURNED. THE PRICE COLUMN ON THE RIGHT WILL BE DETACHED TO CREATE A BID TABULATION SPREAD SHEET FOR THE "OFFICIAL BID ANALYSIS", THEREFORE:

- VENDOR NAME MUST APPEAR IN BOTH COLUMNS ON "EVERY" PAGE UNDER THE WORDS "BIDDER"
- PRICE COLUMNS MUST CONTAIN "EXACTLY" THE SAME INFORMATION.
- ANY SUPPLEMENTARY INFORMATION MUST BE REPEATED IN "BOTH" COLUMNS.
- TO ASSURE THAT OFFERS ARE CONSIDERED ON TIME, EACH OFFER MUST BE SUBMITTED WITH SPECIFIC BID/RFP NUMBER (PROVIDED ABOVE), DATE AND TIME OF OPENING MARKED IN THE UPPER LEFT HAND CORNER OF ENVELOPE. EACH BID/OFFER MUST BE SUBMITTED IN SEPARATE SEALED ENVELOPES:

MAIL TO:

COURIER:

UNIVERSITY OF RHODE ISLAND
P.O. BOX 1773
PURCHASING DEPARTMENT
PLAINS ROAD
KINGSTON, RI 02881

UNIVERSITY OF RHODE ISLAND
PURCHASING DEPARTMENT
DINING SERVICES DISTRIBUTION CENTER
581 PLAINS ROAD
KINGSTON, RI 02881-2010

DOCUMENTS MISDIRECTED TO OTHER STATE LOCATIONS OR WHICH ARE NOT PRESENT IN THE UNIVERSITY OF RHODE ISLAND PURCHASING DEPARTMENT AT THE TIME OF OPENING FOR WHATEVER CAUSE WILL BE DEEMED TO BE LATE AND WILL NOT BE CONSIDERED. FOR THE PURPOSE OF THIS REQUIREMENT, THE OFFICIAL TIME AND DATE SHALL BE THAT OF THE TIME CLOCK IN THE UNIVERSITY OF RHODE ISLAND PURCHASING DEPARTMENT. POSTMARKS SHALL NOT BE CONSIDERED PROOF OF TIMELY SUBMISSION.

FAILURE TO COMPLETE FORM AS INSTRUCTED MAY BE GROUNDS FOR "DISQUALIFICATION".

GROUP PURCHASING ORGANIZATIONS (GPO):

THE UNIVERSITY OF RHODE ISLAND IS A MEMBER OF THE FOLLOWING:

- Educational & Institutional Cooperative Purchasing (E&I)
- Provista

The University of Rhode Island Pharmacy Department requires a delivered price for the following new AbSciex 4500 Bench top Hybrid Triple Quadrupole-Linear Accelerator™
Trap Mass Spectrometer System with attached HPCL system, Equal or Better.

AbSciex 4500 Benchtop Hybrid Triple Quadrupole-Linear Accelerator™
Trap Mass Spectrometer with attached HPCL System, Equal or Better per specifications listed below:

1

1

total \$

\$

\$

\$

1

COMMODITY: HYBRID MASS SPECTROMETER W/HPLC SYSTEM
 OPENING DATE & TIME: 4/22/14 3:00 PM

SHIP TO:
 UNIVERSITY OF RHODE ISLAND
 PHARMACY, DEAN
 7 GREENHOUSE RD., ROOM 277
 KINGSTON, RI 02881
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BIDDER (NAME OF FIRM)
 BIDDER (NAME OF FIRM)

ATTACHMENT "A"

ITEM NO.	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	TEM NO.
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The instrument must be a new bench top hybrid Triple Quadrupole-Linear Accelerator Trap Mass Spectrometer designed for LC/MS/MS analyses using triple quadrupole scan functions and ion trap scan functions with full software control of all the scan functions.

The instrument should have three sets of quadrupoles of which the quadrupole 1 and quadrupole 3 should be mass resolving quadrupoles and the quadrupole 2 will be used as a collision cell.

The geometry of the instrument must contain a single thin aperture from atmosphere into the vacuum chamber, followed immediately by a high-efficiency RF-only ion guide for ion focusing and containment. This must be followed by a high pressure RF quadrupole followed by a gold-coated ceramic quadrupole mass filter. A pre-filter must be located between the RF quadrupole and the first mass filter to help further focus the ions. A high pressure quadrupole collision cell with 180° curve must follow the first mass filter and be used for high efficiency MS/MS fragmentation. The second mass analyzer is also a gold-coated ceramic quadrupole mass filter/linear ion trap. The Q2 collision cell should be curved 180 degrees and should be a LINAC collision cell. The quadrupole 3 should be able to switch and perform as a linear ion trap with axial ejection and should be enabled with collisional cooling of ions. The switch from quadrupole to ion trap mode of the Q3 should be controlled by the software and should be able to be used in an automated fashion.

The triple quadrupole scan functions that the instrument should perform are- MRM, precursor ion scan, neutral loss scan, full scan MS at high scan speed, product ion scan, selected ion monitoring for both Q1 and Q3 quadrupoles.

The ion trap scan functions that the instrument should perform are -Enhanced MS Scan, Enhanced Product Ion Scan, Enhanced Resolution Scan, MS3 scan.

The MS/MS spectra obtained using the ion trap functionality should be library searchable.

The instrument should allow for MRM3 workflow. Should allow for Triple Trap scan modes where triple quadrupole scan modes and ion trap scan modes are mixed and matched with software control, as an example: the instrument should be able to perform MRM triggered IDA, Precursor ion scan triggered IDA, Neutral Loss triggered IDA with the dependent IDA spectra being acquired in the ion trap. In addition they should work opposite polarity modes as well.

The instrument should allow for time delayed fragmentation scan

Must have a mass range (m/z) of 5-2000 Da in triple quadrupole mode

Must have a mass range (m/z) of 50-2000 Da in linear ion trap mode

The minimum MRM dwell time must be 1 msec.

The instrument must have a maximum scan speed of 12,000 Da/sec in triple quadrupole mode.

Must have a maximum scan speed of 20,000 Da/sec in linear ion trap mode.

COMMODITY: HYBRID MASS SPECTROMETER W/HPLC SYSTEM
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BID NO: 2493

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ITEM NO.	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	TEM NO.
	For the Triple Trap™ scanning cycle time the instrument must be able to scan 100 MRM transitions followed by a precursor scan (500 Da) and a neutral loss scan (500 Da) followed by two Enhanced Product Ion scans (500 Da) in 1.5 seconds.							
	The instrument ionization source housing will have a source housing hosting interchangeable APCl (Atmospheric Pressure Chemical Ionization) probe and ESI probes. Each probe will be coded for automatic identification by the software/firmware of the host system.							
	The source will have orthogonal spraying for improved robustness.							
	The source will have two viewing ports -one large frontal and one lateral- for best performance optimization.							
	The flow rate compatibility will be from 5µl/min to 3000 µl/min , maintaining good sensitivity without flow splitting.							
	2 year Extended Warranty for the Mass Spectrometer including 1 Preventative Maintenance visit each year.							
	The software must provide automatic, dynamic adjustment of the acquiring MRM transitions such that only compounds that elute within a specified time window are monitored. In addition, the process of creating the acquisition method to utilize this feature must accept a simple list of compound names, MRM transitions, and expected retention times and use this list to dynamically schedule MRM scans during the experiment.							
	The software should have dynamic background subtract feature for information dependent acquisition experiments.							
	The software must allow operation and control of several commercially available LC (Liquid Chromatography) equipment including autosamplers , pumps, manual injectors and detectors.							
	2 Licenses (1 for data acquisition and 1 processing-only license for an extra non-instrument PC) .							
	Computer with Windows & Monitor							
	Edgeport USB to serial converter box with 4 port connections and one meter USB cable.							
	1 Year Limited Warranty/ including 1 Preventative Maintenance Visit.							
	<u>Accessories to be included:</u>							
	Qty-(1) FG, MS Chemical Kit 1 Low-High Concentration PPGS AB Sciex #4406127							
	Qty-(1) Table Mass Spectrometer Basic designed to support an AB Sciex Triple Quad LC/MS/MS system along with it's associated pumps and soundproof panels,							
	Equal or Better. AbSciex#1031379							

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BIDDER (NAME OF FIRM)

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ATTACHMENT "A"

ITEM NO.	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	TEM NO.
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BID NO: 2493

BID NO: 2493

Qty-(1) Gas Generator, Peak AB-3G AbSciex #4453690 . This is a stand alone N2 gas

generator containing a back-up compressor to ensure continuous operation in the event of compressor failure. It produces curtain, source and exhaust gases in the required flow rates, purities and pressures to meet or exceed the requirements of all available AB Sciex LCMS systems.

Curtain Gas (Nitrogen) 12L/min @80 psi
 Source Gas (Zero Air) 24L/min @110 psi
 Exhaust Gas (Air) 8L/min @60 psi
 Dimensions 90 x 73x 75.3cm (35.4 x 28.7 x 29.6 ins)
 Shipping weight 200kgs (411 lbs)
 Electrical Requirements 230v - 10%, 50/60 Hz, 9.5A.

Qty-(1) Preventative Maintenance visit for the Gas Generator

Qty-(1) Peak Dual Tap Transformer 200-230VAC Ab Sciex#5029592

boost transformer is intended for use where supply voltage is between 194-220VAC. The transformer has two internal taps: select the appropriate tap depending on the voltage supply.

Qty-(3) HPLC Pumps , LC-20AD Shimadzu (Equal or better) AB Sciex #4464373

Utilizes micro-volume plungers for pulse-free HPLC solvent delivery. Ideal for LC_MS applications.

Qty-(1) Preventative Maintenance Visit for the HPLC Pump

Qty-(1) SIL-20AC UFLC Autosampler, Ab Sciex#4465839 , Equal or Better

SIL-20ACHT UFLC version,Autosampler, 230V CE marked Max.pressure:35MP a injection volume range:0.1 - 100uL (standard),1-2000uL (option). Includes one sample rack for 70 x 1.5mL vials (228-44617-92), and one control vial rack for 10 x 1.5mL vials (22), 1.5mL Vial Kit Clear Glass, 9mm Screw Cap 100/pk.

Qty-(1) FG, Triazine Standard Mixture #4376887

System Suitability Test Mixture for Cliquid Food Testing package, Triazine Pesticides Standard Mix 100ug/mL each component in methanol, ampoule of 1 mL.

Qty-(1 set) Sample Vial, 1.5mL, Glass, 100Pc set #4466282

Borosilicate glass with cap and silicone septum, 1.5mL for 1.5mL rack.

Qty-(1) Degasser, DGU-20A5 Shimadzu, Equal or Better Ab Sciex#4464426

Inline membrane degasser utilizing Teflon AF for rapid degassing of HPLC mobile phases. Convenient 5th channel for degassing the autosampler rinse phase for optimum injection reproducibility performance. Installation Included.

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ATTACHMENT "A"

ITEM NO.	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	TEM NO.
Qty-(1)	CBM-20A W/Network Switch AB Sciex#4465844 CBM-20A, 230V CE Marked System Controller PC Interface unit box type. Ethernet (10BASE-T) connection to PC.							
Qty-(1)	CTO-20AC Column Oven AB Sciex#4465854 CTO-20AC Column Oven 230V CE Marked. Forced air circulation type column oven with a cooling unit. Temperature control range: (Ambient-10)-80 Deg. C.							
Qty-(1)	50uL Ternary Mixer, Shimadzu -Equal or Better AB Sciex#4463830 Ternary inlet, 50uL volume mixer recommended for flow rates of 100-250 uL/minute.							
Qty-(2)	Reservoir Trays, LC-20A Shimadzu APAC Equal or Better, AB Sciex# 4466308 Sturdy plastic tray that holds seven 1-L bottles. Space behind the front panel allows solvent tubing to be neatly routed to the degasser and pumps.							
Qty-(1 set)	Solvent Bottles (Set of 5)-APAC AB Sciex#4466340 5 1L solvent Reservoir Bottles for LC-20 and L-30 systems							
Qty-(6)	Solvent Bottle Cap (Individual)-APAC AB Sciex#4466341 1 L Bottle Cap. 3 hole Reservoir Bottle Cap with plug and filter.							
Qty-(1)	2Pos. Switching Valve, 18K PSI, 10PORT AB Sciex #4463863 2 Position 10 Port valve capable of 18K psi operation; designed to be mounted in CTO-20/30 A/C; Valve, fittings and control board plus any kit necessary for installation.							
Qty-(1)	Rinse Pump, 228-43042-91 Shim SIL20AC Ab Sciex#4426194, Equal or better SIL-20A Rinse Pump. Pump Kit that installs in SIL-20A/C that allows for an active needle wash.							
Qty-(1)	6 Position Valve Mount Kit CTO-20/30A/C AB Sciex #4463928 Kit for mounting 2 Rheodyne 6 position 7 port valves in a single CTO-20/30 A/C.							
Qty-(1)	Solvent Select Valve, FCV-11ALVP 3 pumps AB Sciex#4464305 Reservoir selection valve allows for choice of 2 solvents for up to 3 solvent delivery units. Controlled directly by the LC-20AT/20AD/AB, either SCL-10Ayp or CBM-20A and subcontroller-VP.							
Qty-(1)	Sample Loop, 228-45405-94 SHIM 2ML AB Sciex#4425939 2mL sample loop for Sil-20 A/C							
Qty-(1)	Sample Rack for 4 ML Vials, SIL-20A/AC Ab Sciex#4464308 Capacity of 50 x 4mL valves							

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KINGSTON, RI 02881
ATTN: AL BACH/DAVID ROWLEY

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